Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(osteoporosis or fragility) same (COC or (gamma adj1 carboxylated adj1 osteocalcin))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/22 16:17
L2	64	(osteoporosis or fragility) and (COC or (gamma adj1 carboxylated adj1 osteocalcin))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/22 16:18
L3	2	(osteoporosis or fragility) same (COC or (gamma adj1 carboxylated adj1 osteocalcin))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/22 16:18
L4	11	antibody same (COC or (gamma adj1 carboxylated adj1 osteocalcin))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/22 16:18

* * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 16:41:58 ON 22 MAR 2005

=> file .meeting
'EVENTLINE' IS NOT A VALID FILE NAME
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.
ENTER A FILE NAME OR (IGNORE):ignore
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                          ENTRY   SESSION
FULL ESTIMATED COST   ˜   0.21   0.21

FILE 'AGRICOLA' ENTERED AT 16:42:21 ON 22 MAR 2005

FILE 'BIOTECHNO' ENTERED AT 16:42:21 ON 22 MAR 2005
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FILE 'PASCAL' ENTERED AT 16:42:21 ON 22 MAR 2005
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=> osteocalcin and osteoporosis and antibody
L1   0 FILE AGRICOLA
L2   20 FILE BIOTECHNO
L3   0 FILE CONFSCI
L4   0 FILE HEALSAFE
L5   0 FILE IMSDRUGCONF
L6   3 FILE LIFESCI
L7   0 FILE MEDICONF
L8   13 FILE PASCAL

TOTAL FOR ALL FILES
L9   36 OSTEOCALCIN AND OSTEOPOROSIS AND ANTIBODY

=> 19 and gamma(2A)carboxylated(2A)osteocalcin
L10   0 FILE AGRICOLA
L11   1 FILE BIOTECHNO
L12   0 FILE CONFSCI
L13   0 FILE HEALSAFE
L14   0 FILE IMSDRUGCONF

```
L15              0 FILE LIFESCI
L16              0 FILE MEDICONF
L17              1 FILE PASCAL

TOTAL FOR ALL FILES
L18              2 L9 AND GAMMA(2A) CARBOXYLATED(2A) OSTEOCALCIN

=> 19 and 118
L19              0 FILE AGRICOLA
L20              1 FILE BIOTECHNO
L21              0 FILE CONFSCI
L22              0 FILE HEALSAFE
L23              0 FILE IMSDRUGCONF
L24              0 FILE LIFESCI
L25              0 FILE MEDICONF
L26              1 FILE PASCAL

TOTAL FOR ALL FILES
L27              2 L9 AND L18

=> dup rem
ENTER L# LIST OR (END):127
DUPLICATE IS NOT AVAILABLE IN 'IMSDRUGCONF, MEDICONF'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L27
L28              1 DUP REM L27 (1 DUPLICATE REMOVED)

=> d 128 ibib abs total
```

L28   ANSWER 1 OF 1 BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN
       DUPLICATE
ACCESSION NUMBER: 1991:21190175 BIOTECHNO
TITLE: A one step sandwich enzyme immunoassay for .
                         gamma.-carboxylated
                         osteocalcin using monoclonal
                         antibodies
AUTHOR: Koyama N.; Ohara K.; Yokota H.; Kurome T.; Katayama
                         M.; Hino F.; Kato I.; Akai T.
CORPORATE SOURCE: Biotechnology Research laboratory, Takara Shuzo Co.
                         Ltd., Otsu, Shiga 520-21, Japan.
SOURCE: Journal of Immunological Methods, (1991), 139/1
                         (17-23)
                         CODEN: JIMMBG ISSN: 0022-1759
DOCUMENT TYPE: Journal; Article
COUNTRY: Netherlands
LANGUAGE: English
SUMMARY LANGUAGE: English
AN   1991:21190175 BIOTECHNO
AB   A highly sensitive, simple and reliable one-step sandwich enzyme
       immunoassay (EIA) for the .**gamma**.-**carboxylated** form
       of **osteocalcin** (Gla-OC) has been developed using a monoclonal
       antibody. The minimum amount of Gla-OC detected by this EIA was
       approximately 0.2 ng/ml when a 10 µl aliquot of the sample was used.
       The serum Gla-OC level in 30 healthy subjects was 3.6 ± 2.19 ng/ml
       (mean ± SD). A significant increase was seen in patients with chronic
       renal failure (20.3 ± 4.60 ng/ml), atherosclerosis (8.3 ± 4.94
       ng/ml) and **osteoporosis** (10.1 ± 4.60 ng/ml). The correlation
       between the values obtained by the sandwich EIA and competitive RIA
       methods was given by the linear regression equation, y = 2.896 + 0.759x,
       for which the correlation coefficient (r) was 0.815 (n = 58). This newly
       developed Gla-OC specific EIA may be useful for the diagnosis of
       metabolic bone disease and ectopic calcification.

```
=> kakounea s/au
L29              0 FILE AGRICOLA
L30              0 FILE BIOTECHNO
L31              0 FILE CONFSCI
```

```
L32            0 FILE HEALSAFE
'AU' IS NOT A VALID FIELD CODE
L33            0 FILE IMSDRUGCONF
L34            0 FILE LIFESCI
'AU' IS NOT A VALID FIELD CODE
L35            0 FILE MEDICONF
L36            0 FILE PASCAL

TOTAL FOR ALL FILES
L37            0 KAKOUNEA S/AU

=> heikki l/au
L38            0 FILE AGRICOLA
L39            0 FILE BIOTECHNO
L40            0 FILE CONFSCI
L41            0 FILE HEALSAFE
'AU' IS NOT A VALID FIELD CODE
L42            0 FILE IMSDRUGCONF
L43            0 FILE LIFESCI
'AU' IS NOT A VALID FIELD CODE
L44            0 FILE MEDICONF
L45            0 FILE PASCAL

TOTAL FOR ALL FILES
L46            0 HEIKKI L/AU

=> lunkinen h/au
L47            0 FILE AGRICOLA
L48            0 FILE BIOTECHNO
L49            0 FILE CONFSCI
L50            0 FILE HEALSAFE
'AU' IS NOT A VALID FIELD CODE
L51            0 FILE IMSDRUGCONF
L52            0 FILE LIFESCI
'AU' IS NOT A VALID FIELD CODE
L53            0 FILE MEDICONF
L54            0 FILE PASCAL

TOTAL FOR ALL FILES
L55            0 LUNKINEN H/AU

=> pettersson k/au
L56           12 FILE AGRICOLA
L57           87 FILE BIOTECHNO
L58           38 FILE CONFSCI
L59            1 FILE HEALSAFE
'AU' IS NOT A VALID FIELD CODE
L60            0 FILE IMSDRUGCONF
L61           56 FILE LIFESCI
'AU' IS NOT A VALID FIELD CODE
L62            0 FILE MEDICONF
L63          140 FILE PASCAL

TOTAL FOR ALL FILES
L64          334 PETTERSSON K/AU

=> l64 and l9
L65            0 FILE AGRICOLA
L66            0 FILE BIOTECHNO
L67            0 FILE CONFSCI
L68            0 FILE HEALSAFE
L69            0 FILE IMSDRUGCONF
L70            0 FILE LIFESCI
L71            0 FILE MEDICONF
L72            0 FILE PASCAL

TOTAL FOR ALL FILES
L73            0 L64 AND L9
```